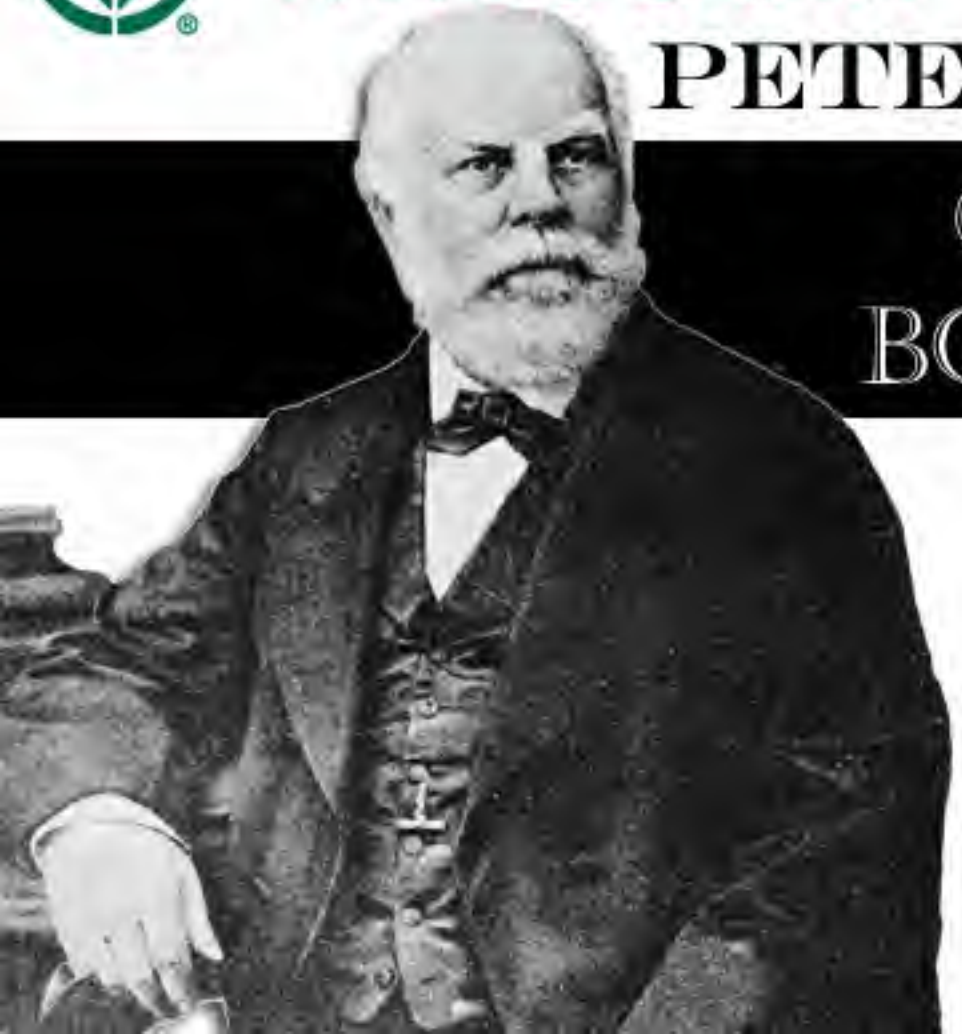
Missouri Botanical Garden
Peter H. Raven Library

George Engelmann Botanical Notebooks



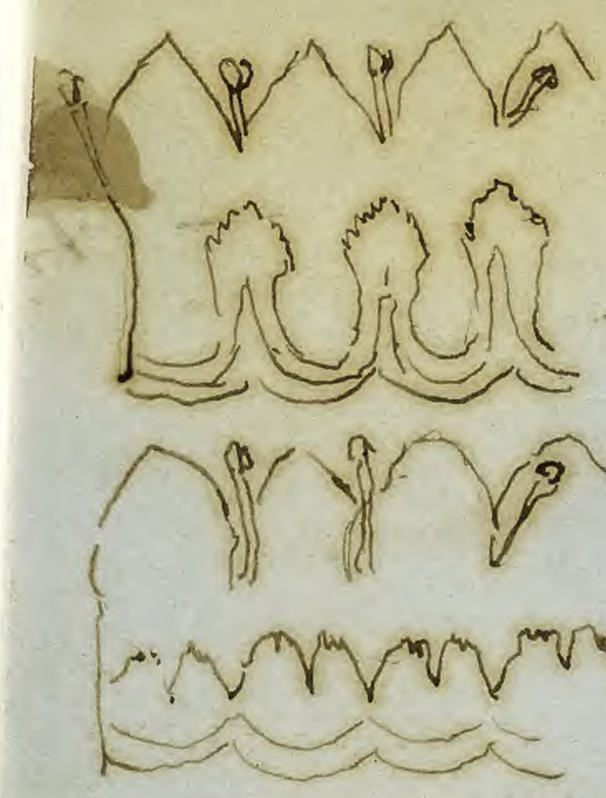
Pagination Note:
Since many of the items lack a specific page number, the page number displayed online refers to the sequentially created number each item was given upon cataloging the materials.

56)

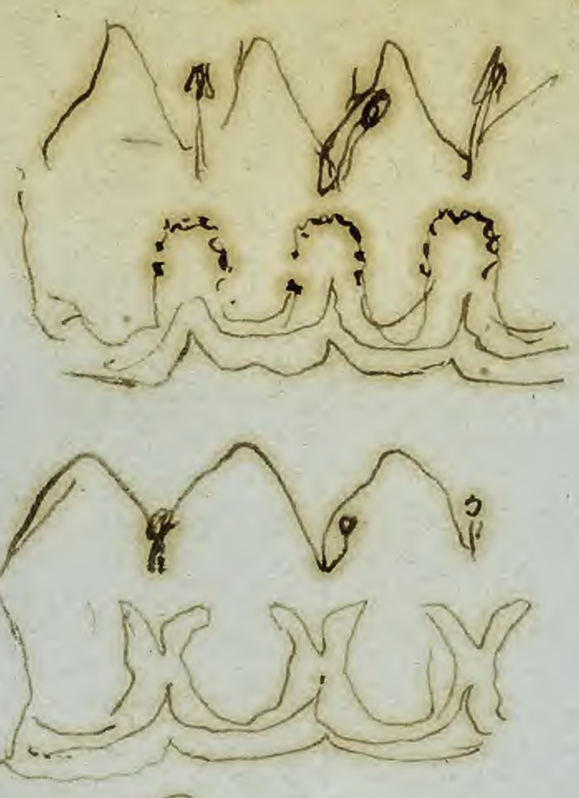
Jardin Ann & Magaz 1844

XIII. p Carte IV

1. C. Epithyum



3. C. trifolii



2 C. approximata

4 C. monspeca.

Jard.. Ann 1845. XVI. pl. 1

1. C. approximata

2. C. Epithym

3. C. Trifol

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

57

a full size figure

C. pedicellata Ledb. Ill. 234

C. Chlensis
Bot reg. VII. 603
Lond 1821

and a large figure of the fresh plant

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

and a large figure of the living plant.

Cuscuta reflexa var vernicosa
Hook Fl. Exot vol II (1825) tab. 150

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

5152

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

58

Mem. des savants etrangers Tom VII

Petersb 1851

Bunge, Beytr zur Flora Aegyptens

Alx Lehmann, reliquiae botanicae

cit. Alex Lehmanni Rel. bot, aut Bunge

= Mem. Petersb des Savants etr.

Tom VII

p. 396 Cuscuta monogyna Vahl in Talichiens, Troitzk

Cuscuta Lehmanniana Bge Caule pumiformi
ramosissimo ramoso, floribus racemoso-spicatis
calycis 5-part lobis ovato-rotundatis obtusis
corolla calyce triplo longioris infundibuliformis
limbo tubum d'um d'um aequante patulo
lobis obtusis staminibus exsertis
squamis in medio tubi adnatis rotundatis
margine fimbriatis antheras sub fauce
inseritas sessiles cum ovodatarum basin
tegentibus, ovario in stylum illo breviorem
duplo attenuato, stigm capitato
obsolete bilobo -

In Aegypto Vahl cum Jaubert
Cum Tournefort - Pappel. Ad Hierichuntem Jaubert
Buchanan cum pulchris, etc etc -

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

5153

flowers twice as large as in C. Menziesii
limb large, petaloid; scales in the middle,
not base of the tube

C. astyla, also in France, & a good species
& distinct from Menziesii.

Corolla 3 lin long.

Caps. ovate

t. 398. C. Schlechtendaliana Steiff Orenburg

" C. approximata Bab. Buchara in
Medicag. sativa

" C. copulata Engl in Atlantic
also in the Songaro-Desert, Volga

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

59

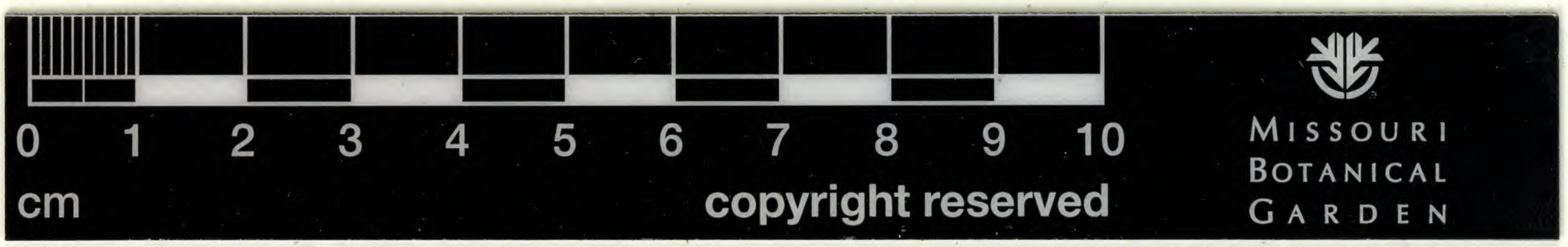
Reichenbachs figures of Cercuetus
in Iconographia Botanica v. plantae
Asiaticae vol VI are not good
but can not be mistaken for any thing
else —

tab 690 C. Europaea stam — inserts in the tube
691 C. monogyna (lapuliformis!) stam,
with long filaments
692 C. Crus-galli
693 C Coccinea

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

5154

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS



sent by Maximowitsch himself July 1858.
("just printing")

(60) Primitiae Florae Amurensis, in: Mémoires présentés à l'Academie des sciences de St Pétersbourg par divers savants, t. IX p. 1— (opus typis nondum expressum)

Cuscuta systyla Maxim. n. sp. C. (Monostylos: stylis coalitis) caule funiculari, floribus capitatis brevissime pedunculatis / campanulatis; calycis carnosi segmentis rotundatis tubo corollae duplo brevioribus; corollae limbo 5-lobo: lobis rotundato-ovalibus obtusissimis patens horizontali-patentibus tubo paulum brevioribus; squamis medio tubo adnatis breviter fimbriatis; antheris inter lobos corollae ad marginem insertis sessilibus rotundato-ellipticis; stylis coalitis ovarium subaequantibus, stigmatibus 2 orbiculatis; fructu ovali stylo aequali coronato.

Hab. Am untern Amur: Turme, an der Mündung des Ussuri-Flusses, in Artemisia-Gestrüppen, häufig, 31 Juli 1855 (fl. c. fr. imat.). Am südlichen Amur: auf sandigen Wiesen bei der Sungari-Mündung, selten, 8 Aug. 1856 (defloresc.)

Affinis C. monogynae Vahl, quae differt fructu ovato magis carnoso, stylum basi crassiorem attenuato, corollae lobis tubo plus duplo ~~longioribus~~ brevioribus acutiusculis, antheris oblongis filamento distincto tubo insertis,

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

5155

calyce 5-lobo.[X]) Proxima nostrae speciei est:

Cuscuta (Monostylos) colorans m. Caule funiculari, floribus pedunculatis breviter subpaniculatis; calycis segmentis depresso-rotundatis; corolla calycem triplo superante 5-dentata: dentibus erectis rotundato-ovalibus obtusis; squamis breviter fimbriatis ad basin tubi insertis; antheris intus dentes margini corollae insertis sessilibus oblongis; stylis coalitis, stigmatibus in clavam ovalem connatis, ovario carnoso (materia colorante lutea repleto). Hab. in China boreali (hb. hti bot. Petrop.)

"C. astyla Engelm., e Caucaso, quoque ad hanc sectionem pertinens, dignoscitur stylo subnullo, petalis crenatis, secd. Engelm. in Bot. Zeitung. 1846 p. 276.

Descr. C. systylae. Caulículi ramosi, virides, vel seniores purpurei, vel obscuris purpureis notati rubescentes. Glomeruli laterales 5-10 flori, vel saepe pedunculus lateralis fere pollicaris, quasi ramulus, glomerulis florum 3-5 sessilium dense obsitus. Flores 3 millim. longi, rubescenti-albi, ~~Stylus subbi-~~ ~~lacinus~~ brevissime pedunculati, pedunculo crassissimo. Stylus sublilacinus. Antherae fusco-luteae.

X) Ceterum C. monogyna Tunez! fl. bair. dah. a spec. hujus plantae europaeis (e.gr. silesiacis a Günth. et Schimmel collectis) differt floribus longius pedunculatis, conspicue minoribus, corolla tenuiore, antheris oblongis nec ellipticis. Fig.

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

61

Ch. W. Roth. nov. plant. spec. Ind. orient.

ex collectione B. Heynii

Halberstadt 1821

p. 100. C. hyalina C. pedunculis trifloris, floribus pedicellis
rotatis hyalinis calyce majoribus, carinis laxe
ciliatis

In Indiæ orientali Hanc elegantem speciem
obs. Heyne

Tota capillaris,
pedunculi interdum fasciculati, plerumque solitarii
3 lin. ad 6 lin. longi, tota plerumque duplo minores,
nudi glabri trifidi. trifloris.

Pedicelli pedunculo duplo breviores basi bractea orbi-
culo rotulata hyalina suffulti.

Flores flavescentes nitidi magnitudine semi-sinapis
albi vel paulo majores.

Calyx 4 fidus, carinis late hyaline
Corolla calyce duplo major unguibus hyalinis
carinis unguiculo laxe ciliatis.

Stam. 4 squamis imposita corollae affixis
antheris coeruleascentes.

Styli 2 capillares divaricati longitudine carinis
corollae subæquales stigmatibus capitatis.

5156

Missouri Botanical Garden
George Engelmann Papers

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
Missouri Botanical Garden

62

Systematisches Verzeichnis der in Jud. Archipel
1862–68 gesammelten Pflanzen.
von Zollinger. Zürich. 1854

p. 130. Cassuta Japonica Ch. sp. n. Japonia 355
Cassuta racemosa Ch. Sem. 2839.
(2750 !)

p. 134 C. japonica Ch caule primo foliiformi demum
filiformi nigrescente, flores racemulis
muro laxam spiram nunc irregularia
glomerulos praebentibus 6–12 li longis
pedicello 2 ringente li. longo etiam nullo
bracteis nullis sepalis ovato-oblongis
obtusis 1/2 li longis, corolla tubulosa
vix calycem duplo superante apice
5 dentata, dentibus rectis; squamis
ad basin 5 tam. ad faucem desinentibus.

" Certe affinis C. reflexa, sed floribus
minoribus, sepalis obtusis, corolla tubo
recto.

Mihi dubium si C. reflexa C. racemosa
et aequinoctialis distincta species sint.

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

5157

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

Plantae javanicae

nec non ex insulis finitimis et etiam
e Japonia quaedam orientales
a Jac. Dion. Choisy, professore
Genevensi, in dar.ff. Zollingeri
Catalogo Javanensi elaboratae
et nunc demum vulgatae

Generae 1858.

p. 30. **Cuscuta** Tourn.

1. C. japonica Ch. n. sp. Japonia 355.
caule primo filiformi demum funiculari
rigescente, floribus racemulis nunc laxam
spicam, nunc irregulariter glomerulos
paucos ibus 6–10 floras, longis, pedicello
filiformi floram longo etiam nullo, bracteis
nullis, sepalis ovato-oblongis obtusis $\frac{1}{2}$ lin.
longis, corolla tubuloso ultra calycem duplo
superante apice 5-dentata, dentibus
rectis, squamis ad basin, staminibus
ad faucem corollae fasciculatis. — Certe
affinis C. reflexae Roxb, a qua differt
floribus minoribus, sepalis obtusis, corollae
lobis non reflexis.

2. C. macrantha Don
nº 2839! (2750?)
Java.

Ad hanc speciem forsan adducendus Hooker
icon cit. C. reflexae Roxb exscribitur, nam flores
magnos gerit. Sed nobis dubium est, num C. reflexa,
macrantha et asiatica species sint.

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

5158

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

64

Trautvetter in Melanges biologiques T. 2

16/28 Mai 1855

Verzeichniss Cascarilla des Kiewschen Gouvernements

(Pfeiffer über d. Pflz. Cascar. = Mohl & Schlecht. bot. Ztg. 1846. pag 17-24)

1. C. Epiglaucum W. var bilamellaceum

Caps. bilob. Stipes completa.

2. C. Emoryana

C. Cartilaginea. Bernh. (Mohl & Schl bot Zt 1844. p. 791 = C. Schleicheriana. Bot Zt. 1845. & 1846.

3. C. Griffithiana.

C. approximata

C. Zeylonica

C. halophyta Kurz

C. crenulata. Kurz

4, C. rugulata Wight Cascarilla Cortex

Cascarilla Krim & Odessa

5. C. Rogowitschiana Trautv. in Bogsk

wachsig in gestielten Kapseln 2 eiförmigen

schuppigen Kelch Corolla in weiße

"glänzende Lappen - fein = Blüthen

6. C. monogyna auf d. Driesper Insel
bei Kiew & Paltowa auf d. Ufer

7. C. azyla warm[illegible] d. Driesper
auf Rhamnus catartica, Kiew (Alten Cotinus
& Caucasica) / grey. d. Driesper Insel auf
Juniperus (bei C. m. [illegible] Klein)

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

5159

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

65.

Cuscuta compacta Juss. & tr. e Bartolini, Miscellanea Botanica, pars. 10. p. 29-30. 1851.

= Cuscuta compacta Juss. ft. fr. figured by Choisy III. fig 2 as = my Hudson gates Adam & Prinos

Cuscuta semiflora: caule crassiusculo, immplexo; glomerulis pauciflores semotis; bracteis lacinisque calycinis subrotundis obtusissimis; corollis calyce laciniis oblongis, segmentis ovatis obtusiusculis; squamis [sic] tenuiter fimbriatis; stylis inclusis; stigm. simplicibus.

Caulis teres, funicularis, crassiusculus, semper ramosus, implexus, neque contorto-plicatus, ramulis subinde circa nodos contortis, aut circa caulem convolutis, flavido-rubens. Glomeruli pauciflori, inter se valde semoti, sessiles, vel breviter et crasse pedunculati. Flores parvi, subsessiles bracteis subrotundis, concavis, obtusissimis, subciliolatis, imbricatis, rubido-fulvis. Calyx 5-partitus, laciniis forma et colore bracteorum circ. ½ lin. longus. Corolla tubulosa, calyce vix duplo longior, flavido-fulva, 5-fida; segmentis ovatis obtusiusculis recurvis. Stam. 5, e tubo corollae orta, extra faucem paululum exserta, sed corolla brevissima, erecta. Anth. subrotundae. Squamae hippostam. tenuissime fimbriatae. Ovarium subglobosum, virens. Styli 2. erecti, breves, inclusi. Stig. simplicia obtusa.

= Cuscuta compacta Juss. the usual stock from collected by Gray — the Mts of Carolina

"Cuscuta fruticum: caule contorto-plicato, glomerulis numerosis multifloris densis approximatis; bracteis lacinisque calycinis subrotundis obtusissimis ciliolatis; corollis calyce duplo longioribus; segmentis ovatis obtusis; squamis hippostaminis tenuissime fimbriatis; stylis staminea subaequantibus brevioribus; stigmatibus capitatis.

Caulis teres, tenuius funicularis quam in praecedente, semper ramosus, circa frutices arcte contorto-plicatus, et hic illic implexus. Flores glom-

0 1 2 3 4 5 6 7 8 9 10 cm
copyright reserved
MISSOURI BOTANICAL GARDEN

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI
BOTANICAL
GARDEN

ees numerosi, approximati, et dense congesti, multiflori, paucis ramulis. Flores sessiles bracteis subulatis, obtusis-simis, concavis, ciliolatis, imbricatis, plerumque dorso superficialibus, ovato-bullida lutea. Calyx circ. ½-liberalis, 5-partitus; lacinia forma et colore bractearum. Corolla calyce duplo longior, subinde lutea, vel tota lutea, initio tubulosa, postea tubo, prout ovarium crescit, inflato, demum basi fisso, evulso a receptaculo, et abscepto ab ovario aucto; limbo 5-fido; segmentis ovatis obtusis patulis tandem retroflexis. Stamina extra oram faucis paululum exserta, sed cuilla brevissima tubo adnata. Squamae hippostam. tenuissimae fimbriatae. Ovarium subglobosum. Stylus duo, modo inclusi, modo stam. subaequantes. Stigm. capitata."

Both are from Alabama, near Mobile, Dr. Gates, collection.

Aer = May 28th 1852

May 19th 1852

Dear C.

You will make out these Succulea, I dare say, from the descr. which I have copied verbatim. — Yours ever

A. Gray

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

5160

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN

Cuscuteae

Genera

Buchsingera F. Schultz in Jahrb. f. Pharmacie März 1847
non Boissier

Cassytha (L. Beskin) Desmoulins Etudes p. 40

Cuscuta Lin. Pfaf. Desmoul.
Cuscutina Pfeiff. bot. Zeit. 1846 p. 491
Engelmannia Pfeiffer bot. Zeit. Octob. 1845. III. p. 673
(non Gray nec Klotzsch.)
Epilinella Pfeiffer Bot. Zeit. Oct. 1845 III. 673

Grammica Loureiro Fl. Cochinchi. II p. 212. 1791 ed. Willd.
Desmoul. in Bull. Soc. bot. Franc. I. p. 295

Lepidanche Leyden in Sill Journ 1842 vol. 43 p. 343

Kalliarche

Monogynella Desmoulins Etudes p. 39
Orimicida Viviani mss. in Prof. of Cuscut. in Florulam
Pfeifferia Buchinger Annal. des Sc. nat. IX. p. 88 (1846)
(non Salm Dyck)

Succuta Desmoul. Etudes p. 41

Good species 69
Doubtful or yet 10

5161

Abyssinica Richard Tent. Fl. Abyss II. 78 Wlp. Ann III. 116.

acaulis Raf in An. hat. 1820. p. 13 DC. Pr. IX. 461 = compacta

acuminata Nutt in sched. Hb. Ac. Philad. = C. californica

acuta n sp. (Galloapagos, Andersson)

~~acutata~~ a sp.

acutiflora Rotain Giornale botan. Ital. Ann II. p. 247. = Epithyma var

acutiloba n. sp. perua

acutissima Buchinger (Abyssin) = oxyptala

~~acutiloba n. sp. perua~~

adpressa Engler (= compacta) Bot Jour 45 (1883) p. 77

Affghana n. sp.

Africana Thunb. phyt. Bl. p. 17. Fl. Cap. p. 568. DC. Pr. IX. 454

aggregata Rox6. fl. indic I. 447. = C. Epithymum.

alba Desf Del. Prag. 87. ~~Fl. Oper~~ in Hb. Linn. = C. Epithymum

~~var triflora~~ var

alba Autorum. = pluriflora var turgida

— succata Desm. Etudes p. 74

alpina Hohenacker in pl. Kotsch. 388. b. = Kurdica

Americana Lin Sp. 180. pro parte, Darg. Ann 30 pag 17 Choix Cusc

p 186 tab IV. f. 4 DC Pr. IX. 495.

——— Thunb prodr 32 = Africana Thunb. phyt. Bl. p. 17

——— Lin pro parte, Desh ceteris quae Autor. Amer

= G. Gronovii G. arvensis G. Compacta, aliae sp.

? Hooker Hor Gott. am. II. 77 = arvensis var.

? Koeppe? diar 159 Gr microstachya

——— Cuba C. flavescens Bot. Mag. I. 173 = C. glomerata.

——— Hook. Comp. to Bot. Mag. Una barbata = Cascuta gracilima supra

Ampelopogon = Vitis

anguina Edgeworth Lin Transact XX. p. 87. Wlp Rep. VI. p. 543.

= reflexa

angulata n sp. Sapensis

angustiloba n sp.

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

0 1 2 3 4 5 6 7 8 9 10
cm
copyright reserved
MISSOURI BOTANICAL GARDEN